

ABSTRACT OF THE DISCLOSURE

In a ~~data sending/receiving system, in sending/receiving of plural sending packet data~~ PK between a ~~normal~~ sending apparatus [[2]] and a receiving apparatus ~~3 via the Internet 5, a~~ Denial of Service countermeasure is implemented only when the number of times the receiving device receives modified packet data of unit attack of changed contents packet FPK ~~sent to the receiving apparatus 3 exceeded~~ exceeds a predetermined threshold value, ~~DoS~~ countermeasure packet ~~BMPK in which identification information JP is added to each~~ additional ~~sending packet PK is sent/received.~~ That is, when there is no DoS act, the additional identification information [[JP]] is not added to each sending packet [[PK]]. Therefore, processing loads on the sending apparatus 2, ~~the intermediate node on the Internet 5~~ and the receiving apparatus [[3]] can be reduced. ~~Thus, the transmission efficiency of the entire data sending/receiving system 1 can be improved.~~